



PTO/SB/08A (07-05)

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**Complete if Known****INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

2

Application Number	10/691,080
Filing Date	October 22, 2003
First Named Inventor	Barry E. Burke
Art Unit	2818
Examiner Name	C. Luu
Attorney Docket Number	MIT8431L

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
CAL	A1	US- 3,728,590	04-17-1973	Kim et al.	
	A2	US- 3,853,634	12-10-1974	Amelio et al.	
	A3	US- 5,298,448	03-29-1994	Stevens et al.	
	A4	US- 4,063,992	12-20-1977	Hosack	
	A5	US- 4,613,402	09-23-1986	Losee et al.	
	A6	US- 5,302,544	04-12-1994	Lavine	
	A7	US- 5,314,836	05-24-1994	Lavine	
	A8	US- 5,556,801	09-17-1996	Hawkins et al.	
	A9	US- 5,606,187	02-25-1997	Bluzer et al.	
	A10	US- 5,719,075	02-17-1998	Hawkins et al.	
	A11	US- 5,760,431	06-02-1998	Savoye et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	7 <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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Considered

10/27/05

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<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/691,080		
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		Art Unit	2818		
		Examiner Name	C. Luu		
Sheet	2	of	2	Attorney Docket Number	MIT8431L

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CAL	B1	BROWNE et al., "A Nonoverlapping Gate Charge-Coupling Technology for Serial Memory and Signal Processing Applications," IEEE Jnl of Solid-State Circuits, Vol. SC11, No. 1, pp. 203-207, February 1976.	
	B2	KAPOOR, "Charge-Coupled Devices with Submicron Gaps," IEEE Electron Device Ltrs., Vol. EDL-2, No. 4, pp. 92-94, April 1981.	
	B3	SLOTBOOM et al., "Submicron CCD memory structures fabricated by electron-beam lithography," Proc. IEDM '84, paper 11.6, pp. 308-311, 1984.	
	B4	GAJAR et al., "An ionic liquid-channel field-effect transistor," J. Electrochem. Soc., V. 139, No. 10, pp. 2833-2840, October 1992.	
	B5	YAMADA et al., "Driving Voltage Reduction in a Two-Phase CCD by Suppression of Potential Pockets in Inter-Electrode Gaps," IEEE Trans. on Electron Devices, V. 44, No. 10, pp. 1580-1587, October 1997.	
	B6	OKADA et al., "Performance of FT-CCD image sensor with Single Layer Poly-Silicon Electrode," 1999 IEEE Workshop on Charge-Coupled Devices and Advanced Imager Sensors, pp. 219-222, Nagano, Japan, June 1999.	
CAL	B7	BURKE et al., "Charge-coupled device made with a single polysilicon level," Massachusetts Institute of Technology Lincoln Laboratory Solid State Research Quarterly Technical Report, pp. 31-37, March 1, 2002.	

Examiner Signature		Date Considered	10/27/05
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